

ABSTRACT OF THE DISCLOSURE

5 DNA encoding an endothelin receptor shown in
SEQ ID NO: 1 or 2 in the Sequence Listing is isolated
from cDNA which is prepared from poly(A)⁺RNA derived
from a human placenta. In addition, an expression
vector containing the DNA and a transformant containing
the expression vector are obtained. An endothelin
receptor is obtained by culturing this transformant. A
10 receptor shown in SEQ ID NO: 1 is an ET_A-receptor
which has a high affinity for endothelins 1 and 2,
especially for the endothelin 1. A receptor shown in
SEQ ID NO: 2 is an ET_B-receptor which has an affinity
for endothelins 1, 2 and 3 with no selectivity.